

Docket Number: 008312-0308433

*JPW*  
PATENT APPLICATION

Client Reference: T5TM-03S1162-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

MASATO NAKATANI, et al.

Group Art Unit: 2832

Application No.: 10/784,894

Examiner: Lisa N. Klaus

Filed: February 24, 2004

Confirmation No.: 1002

For: ELECTRONIC APPARATUS HAVING PUSH BUTTONS ON THE HOUSING

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR 1.97(e)(1).

The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

The undersigned respectfully notes that copies of U.S. references are not required in applications filed after June 30, 2003.

A concise explanation of the relevance of the non-English language reference(s) appears in the Appendix attached hereto.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'E. Rico Hernandez', written over a horizontal line.

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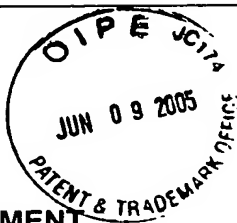
## APPENDIX



### Concise Explanation

#### **Abstract of Chinese Patent No. CN 2479623, Structure of A Microswitch**

The structure of a microswitch includes a switch panel and a protruding push bottom connected to the switch panel. The feature is that the crescent connecting strips at either side of the push bottom and the switch panel are made as a single body. The preferred embodiment of the invention includes one casting mode to produce the push bottom, the connecting strip, and the switch panel. The preferred embodiment also includes an ornamental coating on the push bottom. This new model of the crescent connecting strip is useful because of a certain degree of flexibility based on the narrow strip form. The flexibility of the crescent connecting strip allows the push bottom to revert back to the original position when the center push bottom is pushed down and released; hence no need to install spring under the push bottom. In the meantime, this structure can be easily produced by one casting mode which simplifies manufacture and equipment.



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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: Nakatani et al.

Appln. No.: 10/784,894

Filing Date: February 24, 2004

Date: June 9, 2005

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of

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Examiner: Lisa Klaus

Group Art Unit: 2832

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	US 6,144,368	11/2000	OOKA et al.			
	BR						
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
							Enclosed	No	Enclose	No
	OR	CN 2479623 Y	02/2002	China	MAO					
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR	Chinese Office Action dated April 15, 2005 for Appln. No. 200410006635.9				
	ZR					
	AAR					
	BBR					
	CCR					
	DDR					

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.